Was That Really Nessecary?

Moonn Electronics

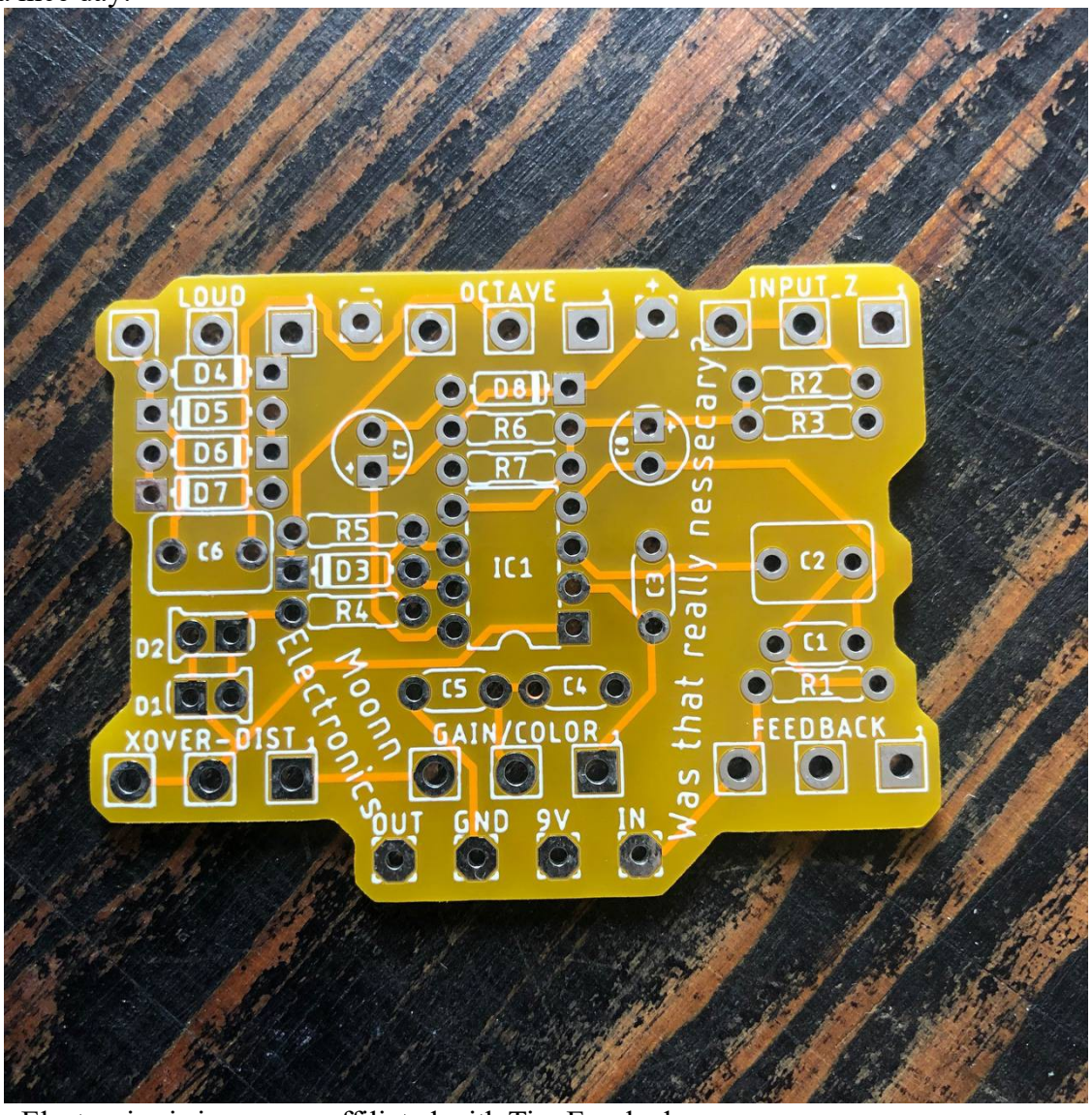
Use me to build a version of the Too Many Knobs designed by Tim Escobedo

Hi there!
Thank you for building me!

I know my pot labeling is a bit confusing so I would advice you to just mess around and see what happens when you turn each knob.
Some of the controls influence each other a lot and work best in teams.
I don't know what else to tell you.
I am a weird circuit and you brought this upon yourself.

If you have any questions or anything else to say, just write an email to
moonnelectronics@gmail.com

Have a nice day!

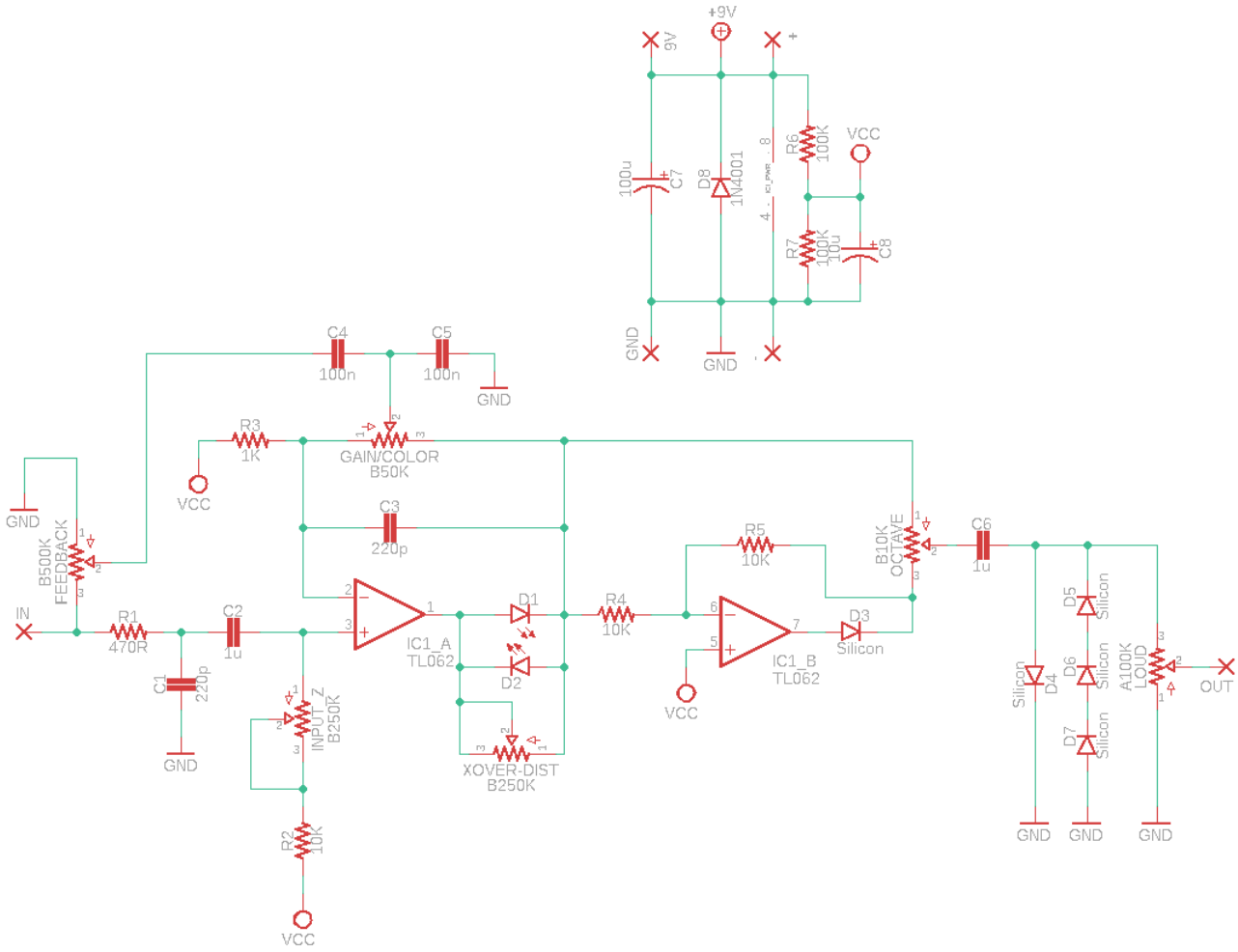


Moonn Electronics is in no way affiliated with Tim Escobedo

Bill of Materials

Qty	Value	Parts	
Resistors			
1	470R	R1	
1	1K	R3	
3	10K	R2, R4, R5	
2	100K	R6, R7	
Film and Ceramic Capacitors			
2	220p	C1, C3	
2	100n	C4, C5	
2	1u	C2, C6	
Electrolytic Capacitors			
1	10u	C8	
1	100u	C7	
Semiconductors			
2	Red LED	D1, D2	
5	1N4148	D3, D4, D5, D6, D7	Try any silicon diodes
1	1N4001	D8	
1	TL062	IC1	
Switches and Potentiometers			
1	B10K	OCTAVE	
1	B50K	GAIN/COLOR	
1	A100K	LOUD	
2	B250K	INPUT_Z, XOVER-DIST	
1	B500K	FEEDBACK	

Schematic


+9V
9V
+
100u
C7
D8
1N4001
R6
100K
VCC
R7
100K
10u
C8
GND
GND
C4
100n
C5
100n
GND
R3
1K
GAIN/COLOR
B50K
VCC
GND
B500K
FEEDBACK
C3
220p
IN
R1
470R
C2
1u
C1
22p
GND
IC1_A
TL062
D1
D2
R4
10K
XOVER-DIST
B250K
INPUT_Z
B250K
R2
10K
VCC
R5
10K
IC1_B
TL062
D3
Silicon
VCC
B10K
OCTAVE
C6
1u
D4
Silicon
D5
Silicon
D6
Silicon
D7
Silicon
A100K
LOUD
OUT
GND
GND
GND

Offboard Wiring